

## Abstract

A method and a computer system for operating at least two interconnected control units (2, 3). The control units (2, 3) access sensor data (x1, ... x5) and each execute at least one  
5 computer program for controlling operational sequences, in particular in a vehicle. The control units (2, 3) exchange synchronization information with one another. In order to design and refine a computer system in a way that will enable even especially complex operational sequences, as required in  
10 a modern motor vehicle, for example, to be controlled and/or regulated simply and cost-effectively with the aid of the computer system, using conventional control units (2, 3), it is proposed that the control units (2, 3) execute the same computer program time-synchronously using a settable time lag  
15 (80). (Figure 8)